

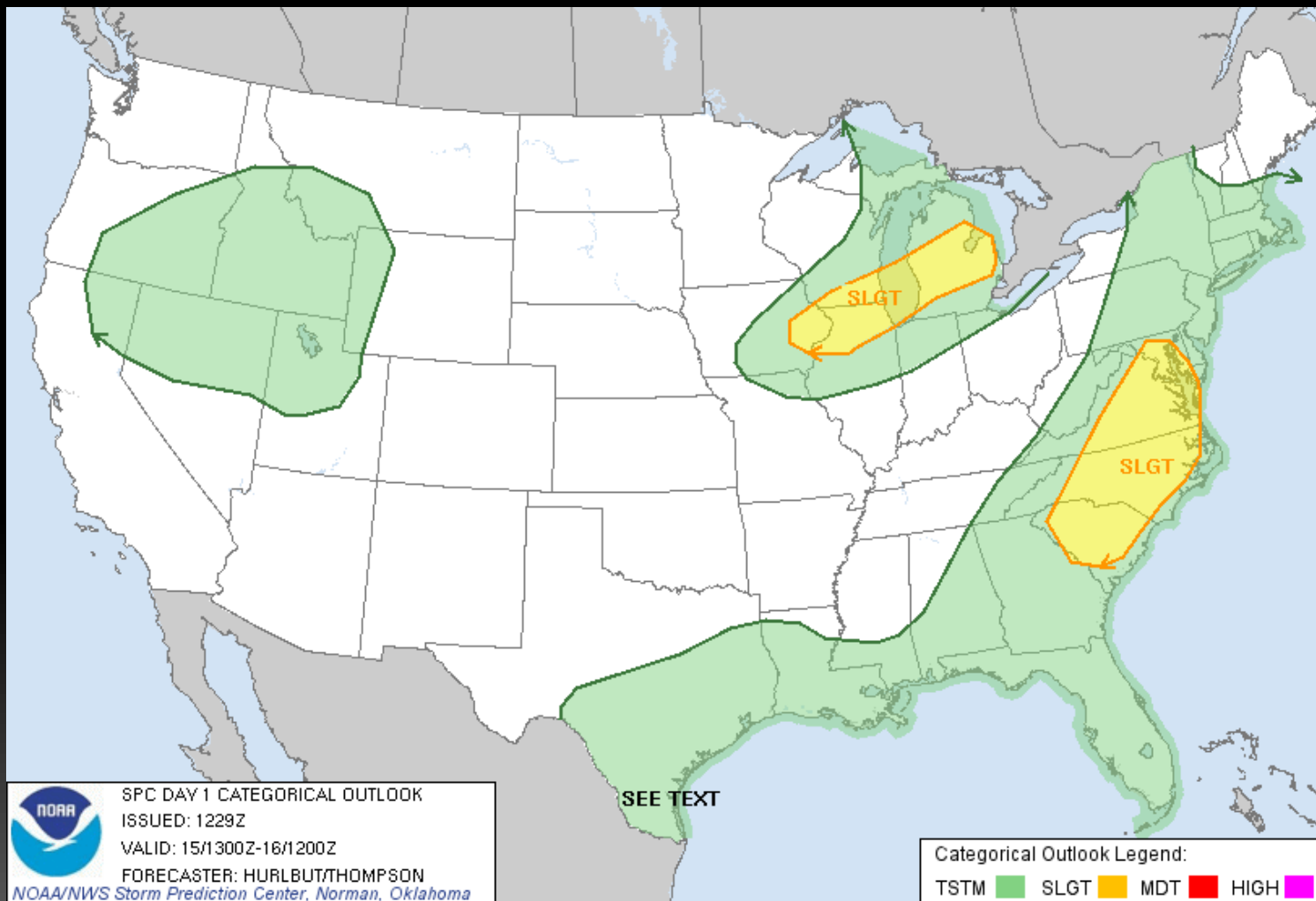


# WEATHER BRIEFING

National Weather Service Grand Rapids MI



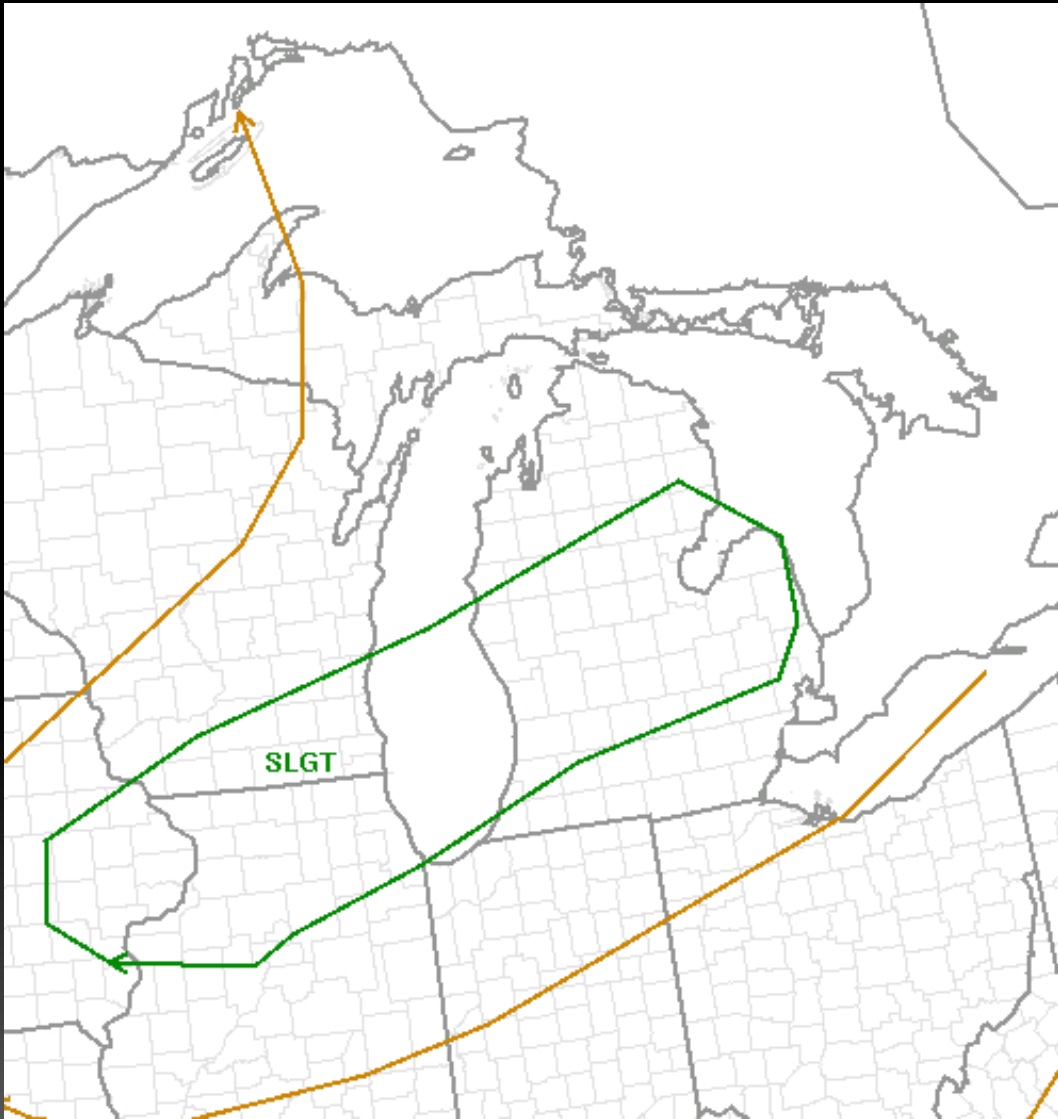
Severe Weather Webinar – 1:30 pm May 15 2012





# WEATHER BRIEFING

## Severe Weather Details – Zoomed In





# WEATHER BRIEFING

## Severe Weather Details

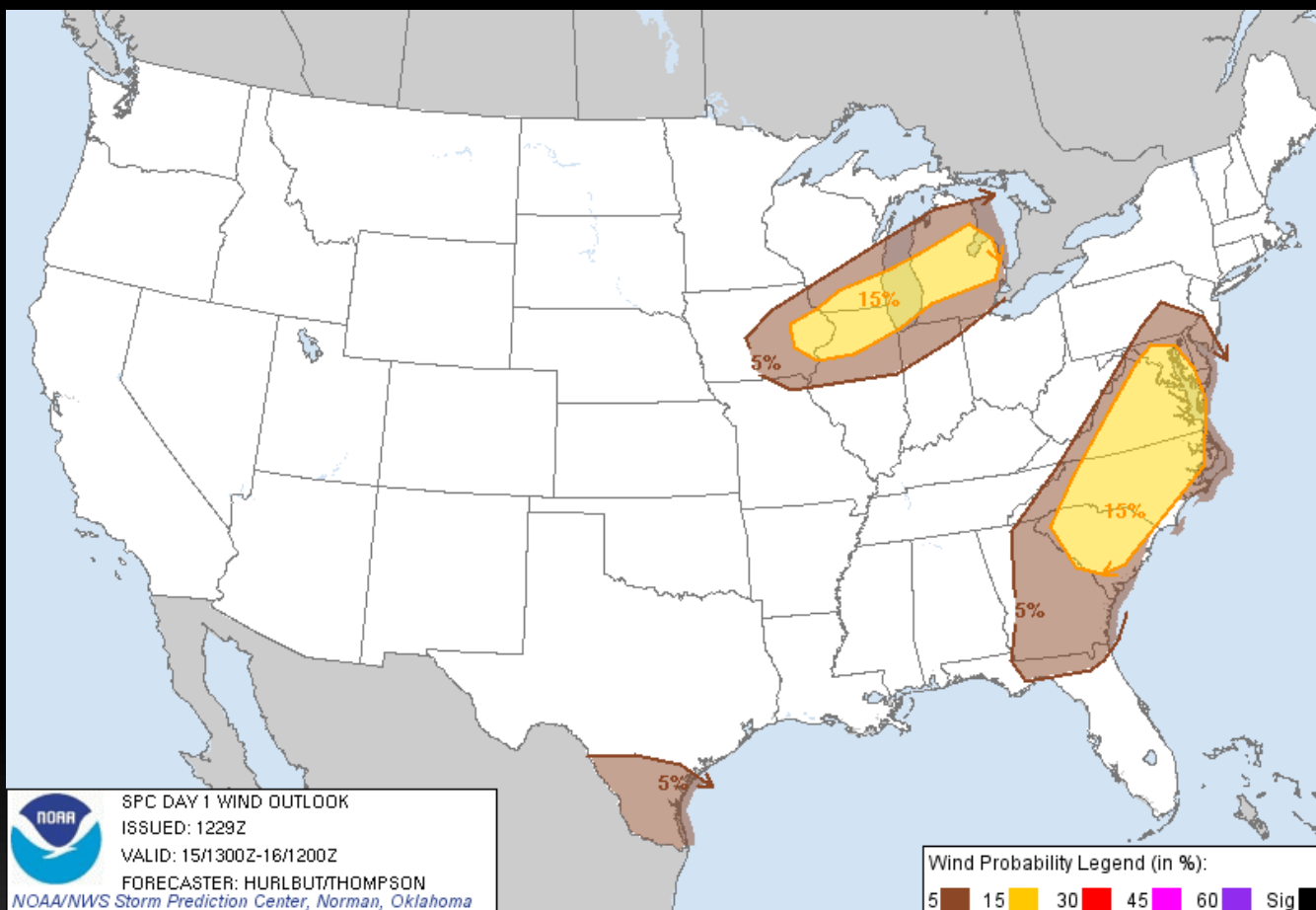


|                               |  |
|-------------------------------|--|
| <b>Evolution</b>              | <ul style="list-style-type: none"><li>• Scattered line of thunderstorms will develop in Wisconsin late this afternoon and move east</li><li>• Storms will cross the lake into our area this evening and tonight</li><li>• Not expecting storms to fizzle over the lake</li></ul> |
| <b>Time Period of Concern</b> | <ul style="list-style-type: none"><li>• 4pm-midnight</li><li>• Storms will likely reach peak intensity this evening before fading after sunset and especially toward the midnight hour</li></ul>   |
| <b>Area of concern</b>        | <ul style="list-style-type: none"><li>• Entire area (except for Jackson County) in slight risk area</li></ul>  |
| <b>Confidence Level</b>       | <ul style="list-style-type: none"><li>• Low to medium range</li><li>• We are expecting this to be a marginal event overall. Current thinking is a few storms could reach severe limits (1"+ hail and/or 60+ mph wind gusts)</li></ul>  |



# WEATHER BRIEFING

## Wind Potential



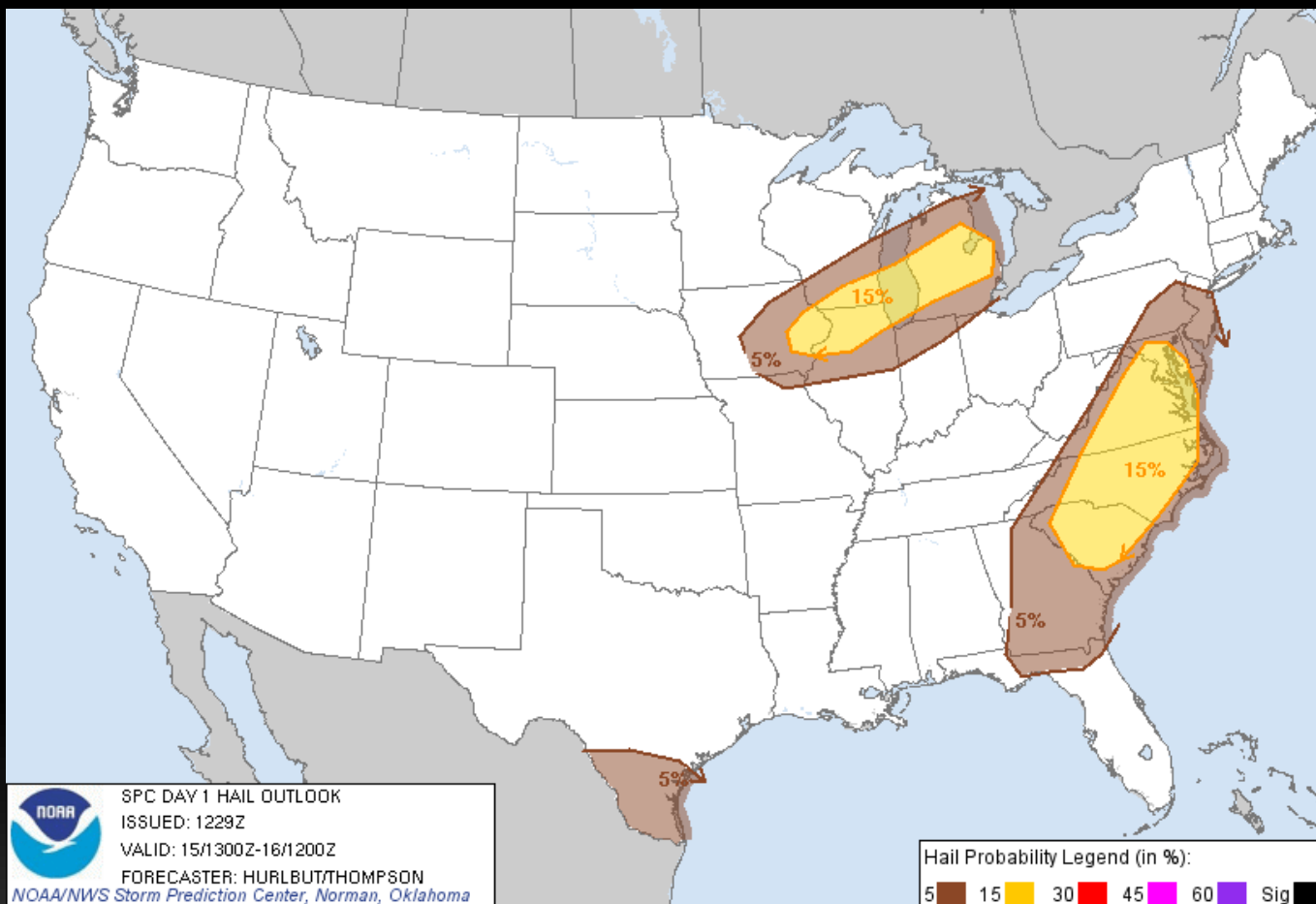
### Wind Threat

- 4pm-midnight
- Threat exists for almost all of SW Michigan except far SE I-94 corridor
- Gusts to 60 mph or greater in strongest storms
- The 15% likelihood is fairly typical for slight risk events



# WEATHER BRIEFING

## Hail Potential



### Hail Threat

- 4pm-midnight
- Same threat area as wind gust potential
- Hail to 1" in diameter (quarter size) or greater possible
- The 15% likelihood is fairly typical for slight risk events



# SUMMARY



- Scattered thunderstorms should develop in Wisconsin late this afternoon/evening and move into SW Michigan this evening and tonight (mainly after 4pm and fading by midnight)
- Two main threats: Hail to 1" or greater, winds to 60+ mph
- Coverage is expected to be marginal for this event
- Any given area (except extreme SE I-94 corridor in Jackson County) could see a strong to severe thunderstorm tonight, but likelihood is low

<http://www.weather.gov/grr>



# WEATHER BRIEFING

National Weather Service Grand Rapids MI



## Pertinent Links

**NWS Grand Rapids Website**

<http://www.weather.gov/grr>

**Archived Webinars**

<http://www.weather.gov/grr/webinars>

**Severe Weather Summary**

<http://www.crh.noaa.gov/hazards/grr>

**Storm Prediction Center**

<http://www.weather.gov/spc>

**National Radar Loop**

[http://radar.weather.gov/Conus/full\\_loop.php](http://radar.weather.gov/Conus/full_loop.php)